

APPENDIX A



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Cell Lines

ATCC Number:	HB-95	Order this item	Price:	\$215.00
Designation:	W6/32		Depositors:	P Parham
Biosafety Level:	1	Shipped: frozen	Isotype:	IgG2a
Medium & Serum:	See Propagation		Growth Properties:	suspension
Organism:	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell); mouse (myeloma))		Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma			
Cellular Products:	Immunoglobulin; monoclonal antibody; against HLA A, B, C			
Permits/Forms:	In addition to the MTA mentioned above, other ATCC and/or regulatory permits may be required for the transfer of this ATCC material. Anyone purchasing ATCC material is ultimately responsible for obtaining the permits. Please click here for information regarding the specific requirements for shipment to your location.			

Related Cell Culture Products

Comments:	Animals were immunized with cells from human tonsils. Spleen cells were fused with P3X63Ag8 myeloma cells. The antibody reacts with monomorphic determinants on HLA A,B,C molecules. The antibody is cytotoxic. The antibody cross-reacts with ape, monkey and cow cells. It does not react with rabbit cells. Tested and found negative for ectromelia virus (mousepox).
Propagation:	ATCC medium: Dulbecco's modified Eagle's medium with 4.5 g/L glucose, 90%; fetal bovine serum, 10%.
Subculturing:	Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2 X 10 ³ cells/ml and maintain between 1 X 10 ³ and 1 X 10 ⁶ cells/ml.
Fluid Renewal:	Every 2 to 3 days
References:	<p>955: Brodsky FM, Parham P. Monomorphic anti-HLA-A,B,C monoclonal antibodies detecting molecular subunits and combinatorial determinants. <i>J. Immunol.</i> 128: 129-135, 1982. PubMed: 6172474</p> <p>956: Barnstable CJ, et al. Production of monoclonal antibodies to group A erythrocytes, HLA and other human cell surface antigens -- new tools for genetic analysis. <i>Cell</i> 14:</p>

9-20, 1978. PubMed: [667938](#)
22830: Parham P , et al. Use of a monoclonal antibody (W6/32) in structural studies of HLA- A,B,C, antigens. *J. Immunol.* 123: 342-349, 1979. PubMed: [87477](#)
32767: Solomon KR , et al. The association between glycosphingolipid-anchored proteins and heterotrimeric G protein alpha subunits in lymphocytes. *Proc. Natl. Acad. Sci. USA* 93: 6053-6058, 1996. PubMed: [8650218](#)

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W6/32

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Cell Lines

ATCC Number: HB-54

Price: \$283.00

Designation: MA2.1

Depositors: P Parham

Biosafety Level: 1

Isotype: IgG1

Medium & Serum: [See Propagation](#)

Growth Properties: suspension

Organism: *Mus musculus* (B cell); *Mus musculus* (myeloma) (mouse (B cell); mouse (myeloma))

Morphology: lymphoblast

Tissue: B lymphocyte; hybridoma

Cellular Products: Immunoglobulin; monoclonal antibody; against HLA A2, B17

Permits/Forms: In addition to the MTA mentioned above, other ATCC and/or regulatory permits may be required for the transfer of this ATCC material. Anyone purchasing ATCC material is ultimately responsible for obtaining the permits. Please [click here](#) for information regarding the specific requirements for shipment to your location.

Related Cell Culture Products

Comments: Animals were immunized with papain solubilized HLA A2 and B17 antigens from the J-Y cell line.
Spleen cells were fused with NS-1 myeloma cells.
Mutation at positions 62 to 66 of the alpha 1 domain of the HLA-A2 molecule results in complete loss of binding of MA2.1. [39935]
Tested and found negative for ectromelia virus (mousepox).

Propagation: ATCC medium: RPMI 1640 medium, 80%; fetal bovine serum, 20%

Subculturing: Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 1 X 10 exp5 cells/ml and maintain between 1 X 10 exp5 and 1 X 10 exp6 cells/ml.

Fluid Renewal: Every 2 to 3 days

References: 930: McMichael AJ, et al. A monoclonal antibody that recognizes an antigenic determinant shared by HLA A2 and B17. *Hum. Immunol.* 1: 121-129, 1980. PubMed: 6167544

39935: Santos-Aguado J, et al. Molecular characterization of serologic recognition sites in the human HLA-A2 molecule. *J. Immunol.* 141: 2811-2818, 1988. PubMed: 2459229

39936: Hogan KT, Brown SL. Localization and characterization of serologic epitopes on HLA-A2. *Hum. Immunol.* 33: 185-192, 1992. PubMed: 1377666

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hb-54

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Cell Lines

ATCC Number:	MB-149	Price:	\$283.00
Order this item			

Designation:	L368		
<u>Biosafety Level:</u>	1	<u>Shipped:</u>	frozen
<u>Medium & Serum:</u>	<u>See Propagation</u>	<u>Depositors:</u>	L Lampson
<u>Organism:</u>	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell); mouse (myeloma))	<u>Isotype:</u>	IgG1; kappa light chain
<u>Tissue:</u>	B lymphocyte; hybridoma		
<u>Cellular Products:</u>	immunoglobulin; monoclonal antibody; against human beta-2-microglobulin (beta 2 microglobulin)		
<u>Permits/Forms:</u>	In addition to the <u>MTA</u> mentioned above, other ATCC and/or regulatory permits may be required for the transfer of this ATCC material. Anyone purchasing ATCC material is ultimately responsible for obtaining the permits. Please click here for information regarding the specific requirements for shipment to your location.		

Related Cell Culture Products

<u>Comments:</u>	Animals were immunized with the RPMI 8866 human B cell line. Spleen cells were fused with NS-1 myeloma cells. The antibody does not cross-react with mouse, rat, cat or monkey beta-2-microglobulin. The antibody is not cytotoxic. Tested and found negative for ectromelia virus (mousepox).
<u>Propagation:</u>	ATCC medium: Dulbecco's modified Eagle's medium with 4.5 g/L glucose, 0.1 mM hypoxanthine and 0.016 mM thymidine, 90%; fetal bovine serum, 10%
<u>Subculturing:</u>	Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2 X 10 cxp5 cells/ml and maintain between 1 X 10 exp5 and 1 X 10 exp6 cells/ml.
<u>Fluid Renewal:</u>	Every 3 to 4 days

References: 1000: Lampson LA, et al. Striking paucity of HLA-A, B, C and beta2-microglobulin on human neuroblastoma cell lines. *J. Immunol.* 130: 2471-2478, 1983. PubMed: 6187860

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